

Title (en)
COMPOSITE LID OF CONTAINER AND METHOD OF ATTACHING METAL LID TO PLASTIC LID TO FORM COMPOSITE LID OF CONTAINER

Title (de)
ZUSAMMENGESETZTER DECKEL EINES BEHÄLTERS UND VERFAHREN ZUM BEFESTIGEN EINES METALLDECKELS AN EINEM KUNSTSTOFFDECKEL ZUM FORMEN EINES ZUSAMMENGESETZTEN DECKELS EINES BEHÄLTERS

Title (fr)
COUVERCLE COMPOSITE DE RÉCIPIENT ET PROCÉDÉ DE FIXATION D'UN COUVERCLE MÉTALLIQUE À UN COUVERCLE EN PLASTIQUE POUR FORMER UN COUVERCLE COMPOSITE DE RÉCIPIENT

Publication
EP 3717370 A4 20211222 (EN)

Application
EP 18895888 A 20181113

Priority
• US 201715858212 A 20171229
• US 2018060658 W 20181113

Abstract (en)
[origin: US2019202608A1] A composite lid of a cylindrical container includes an outer metal lid having an integral top wall and sidewall and an inner plastic lid having a top wall and sidewall fitted inside the outer metal lid such that a free end of the sidewall of the inner plastic lid extends beyond a free end of the sidewall of the outer metal lid. The composite lid can be fitted on a base having an integral bottom wall and sidewall such that the sidewall of the inner plastic lid frictionally engages the sidewall of the base. The outer metal lid can be formed by stamping sheet metal, the inner plastic lid can be formed by molding a polymer material and the base can be formed by molding a polymer material. The outer metal lid can be adhesively bonded or mechanically fitted to the inner plastic lid.

IPC 8 full level
B65D 41/02 (2006.01); **B21D 51/44** (2006.01); **B65D 41/16** (2006.01); **B65D 41/17** (2006.01); **B65D 41/18** (2006.01); **B65D 43/02** (2006.01); **B65D 43/06** (2006.01); **F16B 11/00** (2006.01)

CPC (source: EP US)
A24F 23/00 (2013.01 - EP US); **B65B 7/28** (2013.01 - US); **B65D 43/0212** (2013.01 - EP US); **B65D 43/0222** (2013.01 - EP US); **B65D 51/1622** (2013.01 - US); **B21D 51/44** (2013.01 - EP); **B65D 2205/04** (2013.01 - EP); **B65D 2543/00092** (2013.01 - EP US); **B65D 2543/00231** (2013.01 - EP US); **B65D 2543/00277** (2013.01 - EP US); **B65D 2543/00296** (2013.01 - EP US); **B65D 2543/00314** (2013.01 - EP US); **B65D 2543/00527** (2013.01 - EP US); **B65D 2543/00537** (2013.01 - EP US); **B65D 2543/00629** (2013.01 - EP US); **B65D 2543/00685** (2013.01 - EP US); **B65D 2543/0074** (2013.01 - EP US); **B65D 2543/00796** (2013.01 - EP US); **F16B 11/008** (2013.01 - EP)

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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
US 11097872 B2 20210824; US 2019202608 A1 20190704; CA 3087307 A1 20190704; EP 3717370 A1 20201007; EP 3717370 A4 20211222; WO 2019133122 A1 20190704

DOCDB simple family (application)
US 201715858212 A 20171229; CA 3087307 A 20181113; EP 18895888 A 20181113; US 2018060658 W 20181113